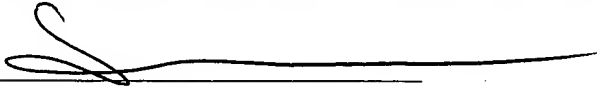


**CERTIFICATE OF HAND DELIVERY**

I hereby certify that this correspondence is being hand filed with the United States Patent and Trademark Office in Alexandria, Virginia on December 10, 2003.

  
Jeffery McCuller

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Mitsuru MARIYAMA et al.

Serial No.: New Application

Filing Date: To Be Assigned

For: BIDIRECTIONAL PHOTOHYRISTOR  
CHIP, LIGHT-FIRED COUPLER AND  
SOLID STATE RELAY

Examiner: To Be Assigned

Group Art Unit: To Be Assigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.97 and 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted together with the filing of this application; accordingly, no fee or separate requirements are required.

The Documents 1-2 listed in the attached Form PTO-1449 were cited in a Search Report of a corresponding international patent application. A copy of the Search Report is enclosed.

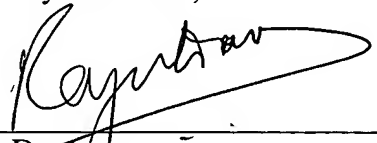
Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 CFR 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the event that the transmittal letter is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 204552031200.

Dated: December 10, 2003

Respectfully submitted,

By:   
Raj S. Dave  
Registration No.: 42,465

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<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Docket Number 204552031200	Application Number Not Yet Assigned
	Applicant  Mitsuru MARIYAMA, et al.	
	Filing Date Not Yet Assigned	Group Art Unit Not Yet Assigned
	Mailing Date December 10, 2003	

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	03/2000	6,037,613	Mariyama			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES	NO
	2.	11/1993	5-315603	Japan			Abstract	
	3.	12/1994	6-350077	Japan			Abstract	
	4.	04/1996	8-97403	Japan			Abstract	
	5.	10/1996	8-264755	Japan			Abstract	
	6.	09/1998	10-242449	Japan			Abstract	

## OTHER DOCUMENTS

*(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.